

Claims

WHAT ARE CLAIMED ARE:

1. A recombinant herpesvirus of turkeys harboring an F protein gene of Newcastle disease virus under the control of a promoter of which sequence is shown in SEQ NO.1.
2. A recombinant herpesvirus of turkeys as in claim 1 wherein the promoter and F protein gene are inserted into the noncoding, inter-ORF region of the backbone virus genome.
3. A recombinant herpesvirus of turkeys as in claim 2 wherein the said noncoding region is that located between UL45 and UL46 of the herpesvirus genome.
4. A method of inducing protective immunity in an avian host against avian herpesvirus and Newcastle disease virus, which method comprises inoculating the avian host with the recombinant herpesvirus of turkeys as in claim 1, 2 or 3.
5. A method of inducing protective immunity in an avian host as in claim 4 wherein a recombinant herpesvirus of turkeys is administered to the avian host by subcutaneous or in ovo route.
6. A poultry vaccine comprising a recombinant herpesvirus of turkeys as in claim 1, 2, or 3.